

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for:

Bhaskar P. Chatterjee, et al.

Application No.: 10/676,985

Filed: 09/30/2003

For: A LEAKAGE TOLERANT  
REGISTER FILE

Examiner: Not yet assigned

Art Group: 2183

Confirmation No. 7698

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on this date: 04/07/2004

Typed or Printed: Heather L. Adamson

Signature: Heather L. Adamson Date: 04/07/2004

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**STATEMENT UNDER 37 CFR 3.73(b) AND ASSIGNEE'S WRITTEN CONSENT  
PURSUANT TO 37 CFR 1.48(a)(5) FOR INVENTORSHIP CHANGE**

Dear Sir:

Intel Corporation

(Name of Assignee)

("Assignee"), a

Delaware

(State of Incorporation)

corporation having a place of business at

2200 Mission College Blvd., Santa Clara, CA 95052

(Address of Assignee)

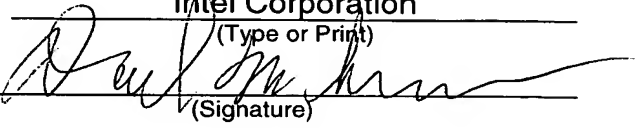
hereby certifies that, to the best of Assignee's knowledge and belief, Assignee is the assignee of the entire right, title, and interest in and to the above-referenced patent application and represents that the undersigned is a representative authorized and empowered to sign on behalf of Assignee.

Attached are copies of assignment documents that evidence the placement of title in the Assignee.

Assignee hereby grants written consent pursuant to 37 CFR 1.48(a)(5) to correct inventorship in the above-referenced patent application properly naming as inventors:

Bhaskar P. Chatterjee, Ontario, Canada;  
Steven K. Hsu, Lake Oswego, Oregon;  
Sriram R. Vangal, Portland, Oregon;  
Ram Krishnamurthy, Portland, Oregon;  
Sapumal Wijeratne, Portland, Oregon; and  
Pankaj Aswal, Beaverton, Oregon

Assignee: Intel Corporation  
(Type or Print)

Dated: 23 February, 2004 By:   
(Signature)

Name: David M. Simon  
(Type or Print)

Title: Chief Patent Counsel  
(Type or Print)

Address of Assignee:  
2200 Mission College Blvd.  
Santa Clara, CA 95052

Attorney's Docket  
No.: 110350-132368

## ASSIGNMENT

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Bhaskar P. Chatterjee, Steven K. Hsu, Sriram R. Vangal  
and Ram Krishnamurthy  
hereby sell, assign, and transfer to Intel Corporation  
a corporation of Delaware, having a principal place of business at  
2200 Mission College Blvd., Santa Clara, California 95052, ("Assignee"),  
and its successors, assigns, and legal representatives, the entire right, title, and interest for the  
United States and all foreign countries, in and to any and all improvements that are disclosed in  
the application for the United States patent that has been executed by the undersigned prior  
hereto or concurrently herewith on the dates indicated below and is entitled A LEAKAGE  
TOLERANT REGISTER FILE  
and in and to said application and all divisional applications, continuation applications,  
continued prosecution applications, continuation-in-part applications, substitute applications,  
renewal applications, reissue applications, reexaminations, extensions, and all other patent  
applications that have been or shall be filed in the United States and all foreign countries on  
any of said improvements; and in and to all original patents, reissued patents, reexamination  
certificates, and extensions, that have been or shall be issued in the United States and all  
foreign countries on said improvements; and in and to all rights of priority resulting from the  
filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said  
improvements in its own name; and that, when requested, without charge to, but at the  
expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in  
good faith the intent and purpose of this Assignment, the undersigned will execute all divisional  
applications, continuation applications, continued prosecution applications, continuation-in-part  
applications, substitute applications, renewal applications, reissue applications, reexaminations,  
extensions and all other patent applications on any and all said improvements; execute all  
rightful oaths, assignments, powers of attorney, and other papers; communicate to said  
Assignee, its successors, assigns, and representatives all facts known to the undersigned  
relating to said improvements and the history thereof; and generally assist said Assignee, its  
successors, assigns, or representatives in securing and maintaining proper patent protection  
for said improvements and for vesting title to said improvements, and all applications for  
patents and all patents on said improvements, in said Assignee, its successors, assigns, and  
legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no  
assignment, grant, mortgage, license, or other agreement affecting the rights and property  
herein conveyed has been made to others by the undersigned, and that full right to convey the  
same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

19<sup>th</sup> Sept, 2003  
Date

Bhaskar P. Chatterjee  
Name: Bhaskar P. Chatterjee

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Steven K. Hsu

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Sriram R. Vangal

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Ram Krishnamurthy

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

19<sup>th</sup> Sept, 2003  
Date

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_, 20\_\_\_\_  
Date

Each Inventor: Please Sign and Date Below:

\_\_\_\_\_, 20\_\_\_\_  
Date

25 Sept, 2003

\_\_\_\_\_  
Date

18 Sept, 2003

\_\_\_\_\_  
Date

25 Sept, 2003

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name: Bhaskar P. Chatterjee

[Signature]

\_\_\_\_\_  
Name: Steven K. Hsu

[Signature] VR

\_\_\_\_\_  
Name: Sriram R. Vangal

[Signature]

\_\_\_\_\_  
Name: Ram Krishnamurthy

Each Inventor: Please  
also list the date that  
you signed the  
accompanying  
DECLARATION AND  
POWER OF  
ATTORNEY:

\_\_\_\_\_, 20\_\_\_\_  
Date

9/25, 2003

\_\_\_\_\_  
Date

18 Sept, 2003

\_\_\_\_\_  
Date

9/25, 2003

\_\_\_\_\_  
Date


No.: 110350-132368

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Sapumal Wijeratne and Pankaj Aswal, hereby sell, assign, and transfer to Intel Corporation a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., Santa Clara, California 95052, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that was filed on September 30, 2003 and assigned Application No. 10/676,985 entitled A LEAKAGE TOLERANT REGISTER FILE,

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for

**Each Inventor: Please Sign and Date Below:**

Feb. 1 _____, 20 <u>04</u> Date	 _____ Name: Sapumal Wijeratne
_____, 20____ Date	_____ Name: Pankaj Aswal

patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

\_\_\_\_\_, 20\_\_\_\_  
Date

\_\_\_\_\_  
Name: Sapumal Wijeratne

11/30, 2004  
Date

  
\_\_\_\_\_  
Name: Pankaj Aswal